

What is claimed is:

1. An artificial knee joint which comprises a femoral component to be secured to a distal portion of a femur and a tibia component to be secured to a proximal portion of a tibia, comprising an inner sliding surface and an outer sliding surface for receiving a load of the femoral component at the tibia component, wherein the inner sliding surface is formed in a sectional shape of circular arc at the front and rear side(s) in the front-to back direction thereof, while the outer sliding surface is formed in a sectional shape of circular arc at the front side and in a sectional shape of linear at the rear side(s) in the front-to-back direction thereof.

2. An artificial knee joint according to claim 1, wherein a middle portion of the inner sliding surface of the tibia component is formed in a linear sectional shape in the front-to-back direction.

3. An artificial knee joint according to claim 1, wherein the outer sliding surface of the tibia component is formed in a sectional shape of circular arc in a direction orthogonal to the front-to-back direction thereof, and a curvature radius of the circular arc is gradually increased from the front side to the rear side in the longitudinal direction thereof.